

Amendments to the Specification:

Please amend the Abstract as follows. An Abstract, on a separate sheet, is annexed hereto.

ABSTRACT

A system and process for handling clips with annotations is ~~described~~provided. A user annotates a document. The system gathers context information regarding the clip and displays the clip or clips with annotations to the user. A system for showing clips of content and annotations may include an input for receiving content and annotations, a processor creating a renderable image having the clips with at least one of the clips being a combination of two or more annotations, and an output for outputting the renderable image. A method of displaying clips may include receiving at least two sets of an annotation and related content, filtering the received, combining the filtered output, and displaying a combination of the filtered output.

Please amend the title of the application as follows:

Organization of Annotated Clipping Views

Please replace paragraph [03] with the following amended paragraph:

[03] In the computing world, however, attempting to capture annotations and related markups in an electronic fashion can be cumbersome. Typical computer systems do not provide an easy interface for capturing and conveying graphically intensive content. Rather, they are optimized for capturing and rendering text. For instance, typical computer systems, especially computer systems using graphical user interface (GUI) systems, such as Microsoft WINDOWS, are optimized for accepting user input from one or more discrete input devices such as a keyboard for entering text, and a pointing device such as a mouse with one or more buttons for driving the user interface.

Please replace paragraph [24] with the following amended paragraph:

[24] Ink - A sequence or set of strokes with properties. A sequence of strokes may include strokes in an ordered form. The sequence may be ordered by the time captured or by

where the strokes appear on a page or in collaborative situations by the author of the ink. Other orders are possible. A set of strokes may include sequences of strokes or unordered strokes or any combination thereof. Further, some properties may be unique to each stroke or point in the stroke (for example, pressure, speed, angle, and the like). These properties may be stored at the stroke or point level, and not at the ink level.

Please replace paragraph [30] with the following amended paragraph:

[30] A basic input/output system 160 (BIOS), containing the basic routines that help to transfer information between elements within the computer 100, such as during start-up, is stored in the ROM 140. The computer 100 also includes a hard disk drive 170 for reading from and writing to a hard disk (not shown), a magnetic disk drive 180 for reading from or writing to a removable magnetic disk 190, and an optical disk drive 191 for reading from or writing to a removable optical disk 192 such as a CD ROM or other optical media. The hard disk drive 170, magnetic disk drive 180, and optical disk drive 191 are connected to the system bus 130 by a hard disk drive interface ~~192~~¹⁷², a magnetic disk drive interface 193, and an optical disk drive interface 194, respectively. The drives and their associated computer-readable media provide nonvolatile storage of computer readable instructions, data structures, program modules and other data for the personal computer 100. It will be appreciated by those skilled in the art that other types of computer readable media that can store data that is accessible by a computer, such as magnetic cassettes, flash memory cards, digital video disks, Bernoulli cartridges, random access memories (RAMs), read only memories (ROMs), and the like, may also be used in the example operating environment.

Please replace paragraph [31] with the following amended paragraph:

[31] A number of program modules can be stored on the hard disk drive 170, magnetic disk 190, optical disk 192, ROM 140 or RAM 150, including an operating system 195, one or more application programs 196, other program modules 197, and program data 198. A user can enter commands and information into the computer 100 through input devices such as a keyboard 101 and pointing device 102. Other input devices (not shown) may

include a microphone, joystick, game pad, satellite dish, scanner or the like. These and other input devices are often connected to the processing unit 110 through a serial port interface 106 that is coupled to the system bus, but may be connected by other interfaces, such as a parallel port, game port or a universal serial bus (USB). ~~[at this point in time, since USB is so popular, you might want to feature USB in Figure 1]~~ Further still, these devices may be coupled directly to the system bus 130 via an appropriate interface (not shown). A monitor 107 or other type of display device is also connected to the system bus 130 via an interface, such as a video adapter 108. In addition to the monitor, personal computers typically include other peripheral output devices (not shown), such as speakers and printers. In one embodiment, a pen digitizer 165 and accompanying pen or stylus 166 are provided in order to digitally capture freehand input. Although a direct connection between the pen digitizer 165 and the serial port interface 106 is shown, in practice, the pen digitizer 165 may be coupled to the processing unit 110 directly, parallel port or other interface and the system bus 130 by any technique including wirelessly. Also, the pen 166 may have a camera associated with it and a transceiver for wirelessly transmitting image information captured by the camera to an interface interacting with bus 130. Further, the pen may have other sensing systems in addition to or in place of the camera for determining strokes of electronic ink including accelerometers, magnetometers, and gyroscopes.

Please replace paragraph [37] with the following amended paragraph:

- [37] The stylus 204 may be equipped with one or more buttons or other features to augment its selection capabilities. In one embodiment, the stylus 204 could be implemented as a “pencil” or “pen”, in which one end constitutes a writing portion and the other end constitutes an “eraser” end, and which, when moved across the display, indicates portions of the display are to be erased. Other types of input devices, such as a mouse, trackball, or the like could be used. Additionally, a user’s own finger could be the stylus 204 and used for selecting or indicating portions of the displayed image on a touch-sensitive or proximity-sensitive display. Consequently, the term “user input device”, as used herein,

is intended to have a broad definition and encompasses many variations on well-known input devices such as stylus 204. Region 205 shows a feedback region or contact region permitting the user to determine where the stylus 204 ~~as~~ has contacted the display surface 202.

Please replace paragraph [40] with the following amended paragraph:

[40] Electronic ink 302 has been highlighted by highlights 305. Highlights 305 may be highlighting ink, electronic ink in a different color that may be used to ~~emphasis~~ emphasize other content. Electronic ink 303 has been underlined as represented by underlining 306. Electronic ink 304 has been annotated with vertical bars 307 in the right margin. Image 308 has been encircled by loop 309. Text 310 has been annotated by some words having been circled with ~~look~~ loop 311 and an ink note 312 added. Other annotations and underlying document contents are possible. Those shown in Figure 3 are for illustrative purposes only.

Please replace paragraph [46] with the following amended paragraph:

[46] Aspects of the present invention may be implemented as a shell in an operating system. Alternatively, aspects of the present invention may be implemented as part of an application running on the operating system. When applied at an operating system level, aspects of the present invention permit clippings to be gathered across documents from different applications. For instance, one may highlight a first document in a web browsing application, underline a second document in a word processing application, circle data in a spreadsheet application, and add text and arrows to a mapping application. Next, these various annotations may be shown together in a single view. Of course, more views may be permitted based on filtering. However, this example highlights at least one advantage of deploying aspects of the invention on a system-wide basis.

Please replace paragraph [58] with the following amended paragraph:

[58] Figures 9 and 10 show orderings of clips of annotations in accordance with aspects of the present invention. In Figure 9, clips are displayed in region 901. The clips 1-N are

displayed in a raster pattern. Any number of columns may be used. A single column provides the ability to only need to look in a single direction to find clips. Multiple columns can be more efficient in providing the clips to a user who is using them to obtain an overall idea of the relevance of the document. In Figure 10, the clips are arranged in two columns. Here, one may need to scroll to the bottom of the displayed region 1001 to read all of clips 1-N then needed to scroll back up to the beginning to start reading the next column of clips (clips N+1 and N+2).

Please replace paragraph [61] with the following amended paragraph:

[61] To show different documents being linked by clips shown in region 1101, clip N 1103 may link to document 1105 to a region 1105.

Please replace paragraph [62] with the following amended paragraph:

[62] Figure 11 also shows displayed regions 1107 and 1109. In both of these regions, clips 1, 2, N, and N+1 are shown. Here, however, annotations are made on the existing clips as annotation 1108 in region 1107 and annotation 1110 in region 1109. Multiple sets of links may or may not exist. First, no links may be permitted based on annotated clips. So, for instance, activating clip 1 in region 1107 with annotation 1108 may not link to any location. Second, a first level of linking may be permitted. As shown by the solid arrow from clip 1 with annotation 1110 in region 1109, the clip 1 may link generally to the previous set of clips in region 1101. Alternatively, as shown by the broken arrow from clip 1 of region 1109, the clip 1 may link to the portion of region 1101 from which clip 1 originates. Third, the system may support unlimited levels of linking. For instance, the link from clip 1 in region 1109 may point to region-document 1106, the origin of the context and annotation for clip 1.